

## CLAIMS:

1. A method of marking bakery products including the steps of:
  - mixing a bakery dough to make a bakery product;
  - applying an ink to the bakery dough; and
  - baking the bakery dough to make the bakery product;wherein the ink has a sufficiently low surface tension to prevent beading when applied to said bakery dough and comprises:
  - glycerol between the percentages 0 to 60 percent by volume;
  - solvent between the percentages 10 to 60 percent by volume;
  - sucrose between the percentages 5 to 60 percent by volume;
  - water between the percentages 1 to 55 percent by volume; and
  - colouring agent between the percentages 0.5 to 20 percent by volume.
2. The method of claim 1, wherein the ink is applied manually to the bakery product.
- 20 3. The method of claim 1, wherein the ink is applied automatically through the use of a machine.
4. The method of claim 3, wherein the ink is applied to the bakery product using a stamp.
5. The method of claim 4, wherein the stamp is selected from a hand held manual stamp, a roller stamp, or an automated mechanical stamp.
- 25 6. The method of claim 3, wherein the ink is applied to the bakery product using stencil spraying.
7. The method of claim 3, wherein the ink is applied to the bakery product using an ink jet or laser-printing device.
- 30 8. The method of claim 1, wherein the solvent is selected from ethanol, isopropyl alcohol, and propanol.

9. The method of claim 1, wherein the colouring agent comprises a one or more dye pigments selected from allura red 129, carbon black 153, sunset yellow 110, carmiosine 122, ponceau R4 124, carmines 120, fast green 143, tartrazine, brilliant blue 133, HT brown, and the like
- 5 10. The method of claim 1, wherein the ink comprises:
  - glycerol between the percentages 0 to 30 percent by volume;
  - solvent between the percentages 20 to 45 percent by volume;
  - sucrose between the percentages 5 to 35 percent by volume;
  - water between the percentages 10 to 35 percent by volume;
- 10 and
  - colouring agent between the percentages 1 to 8 percent by volume.
11. The method more suitably utilises an ink comprising:
  - glycerol between the percentages 6 to 26 percent by volume;
  - solvent between the percentages 28 to 40 percent by volume;
  - sucrose between the percentages 9 to 30 percent by volume;
  - water between the percentages 15 to 30 percent by volume;
- 15 and
  - colouring agent between the percentages 2.5 to 7.5 percent by volume.
- 20 12. The method of claim 1, wherein the ink comprises:
  - 26% glycerol,
  - 39.5% solvent,
  - 9% sucrose,
  - 18% water, and
  - 7.5% colouring agent.
- 25 13. The method of claim 1, wherein the ink comprises:
  - 6% glycerol,
  - 32% solvent,
  - 30% sucrose,
  - 25% water, and
  - 7% colouring agent.
- 30

14. The method of claim 1, wherein the ink comprises;

20% glycerol,

28% solvent,

25% sucrose,

5 20% water, and

7% colouring agent.

15. The method of claim 7, wherein the ink comprises less than 1% glycerol.